



Accessories:  
**DT-MFA122**  
junction box



Accessories:  
**DT-FA135**  
junction box



Accessories:  
**DT-MFA152**  
pole mount

### FEATURES

- 1/2.7" 5Megapixel progressive CMOS
- AI Human Vehicle Detection
- H.265 & H.264 dual-stream encoding
- 25fps (2688x1520) & 25/30fps@3M(2304x1296)
- WDR(120dB), Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Multiple network monitoring:  
Web viewer, CMS(DSS/PSS) & DMSS
- 2.8 mm fixed lens
- Max IR LEDs Length 50m
- IP67, PoE

## TECHNICAL SPECIFICATIONS

Camera	<b>Image Sensor</b>	1/2.7" 5Megapixel progressive CMOS			
	<b>Effective Pixels</b>	2592(H)x1944(V)			
	<b>RAM/ROM</b>	512MB/32MB			
	<b>Scanning System</b>	Progressive			
	<b>Electronic Shutter Speed</b>	Auto/Manual, 1/3~1/100000s			
	<b>Min. Illumination</b>	0.002Lux/F2.0( Color,1/3s,30IRE) 0Lux/F2.0(IR on)			
	<b>S/N Ratio</b>	More than 50dB			
	<b>IR Distance</b>	Distance up to 50m			
Lens	<b>IR On/Off Control</b>	Auto / Manual			
	<b>IR LEDs</b>	Array			
	<b>Lens Type</b>	Fixed			
	<b>Mount Type</b>	Board-in			
	<b>Focal Length</b>	2.8 mm (3.6 mm optional)			
	<b>Max Aperture</b>	F2.0/F2.0			
	<b>Angle of View</b>	H:96°/78°, V:70°/58°			
	<b>Focus Control</b>	Fixed			
	<b>DORI Distance</b>		Lens	2.8 mm	3.6 mm
			Detect	63m(207ft)	80m(262ft)
		Observe	25m(82ft)	32m(105ft)	
		Recognize	13m(43ft)	16m(52ft)	
		Identify	6m(20ft)	8m(26ft)	
<b>Pan/Tilt/Rotation Range</b>		Pan:0° ~360° ;Tilt:0° ~90° ; Rotation:0° ~360°			
Intelligence	<b>Event Trigger</b>	Motion detection, Video tampering, Scene changing, Network disconnection, Ip address conflict, Illegal access, Storage anomaly			
	<b>IVS</b>	Tripwire, Intrusion AI			
Video	<b>Compression</b>	H.265/H.264H/MJPEG(Sub Stream)			
	<b>Smart Codec</b>	Support H.265+/H.264+			
	<b>Streaming Capability</b>	2 Streams			
	<b>Resolution</b>	Main(2688x1520)/ 3M(2304x1296/2048x1536)/ 1080P(1920x1080)/ 720P(1280x720)/ D1(704x576/704x480)/VGA(640x480)/ CIF(352x288/352x240)			
	<b>Frame Rate</b>	Main Stream: (1 ~ 25/30fps) Sub Stream: D1(1 ~ 25/30fps)			
	<b>Bit Rate Control</b>	CBR/VBR			
	<b>Bit Rate</b>	H.265: 12K ~ 8448Kbps H.264: 32K ~ 10240Kbps			
	<b>Day/Night</b>	Auto(ICR) / Color / B/W			
	<b>BLC Mode</b>	BLC / HLC / WDR(120dB)			
	<b>White Balance</b>	Auto/Natural/Street Lamp/Outdoor/Manual			
	<b>Gain Control</b>	Auto/Manual			
	<b>Noise Reduction</b>	3D DNR			
	<b>Motion Detetion</b>	Off / On (4 Zone, Rectangle)			
	<b>Region of Interest</b>	Off / On (4 Zone)			
	<b>Smart IR</b>	Support			
	<b>Digital Zoom</b>	16x			
	<b>Flip</b>	0°/90°/180°/270°			
	<b>Mirror</b>	Off / On			
<b>Privacy Masking</b>	Off / On (4 Area, Rectangle)				

Network	<b>Ethernet</b>	RJ-45 (10/100Base-T)		
	<b>Protocol</b>	HTTP;HTTPS;TCP;ARP; RTSP;RTP;RTCP;UDP;SMTP; FTP;DHCP;DNS;DDNS; PPPoE;IPV4/V6;QoS;UPnP; NTP;Bonjour;IEEE 802.1X ;Multicast;ICMP;IGMP;TLS		
		<b>Interoperability</b>	ONVIF Profile S&G, API	
		<b>Streaming Method</b>	Unicast / Multicast	
	<b>Max. User Access</b>	10 Users/20 Users		
	<b>Edge Storage</b>	NAS Local PC for instant recording		
	<b>Web Viewer</b>	IE, Chrome, Firefox, Safari		
	<b>Management Software</b>	Smart PSS, DSS, DMSS		
	<b>Smart Phone</b>	IOS, Android		
	<b>Certifications</b>		CE (EN 60950:2000) UL:UL60950-1 FCC: FCC Part 15 Subpart B	
Electrical	<b>Power Supply</b>	DC12V, PoE(IEEE 802.3af) (Class 0)		
	<b>Power Consumption</b>	< 6W		
Environmental	<b>Operating Conditions</b>	-30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH		
	<b>Storage Conditions</b>	-30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH		
	<b>Ingress Protection</b>	IP67		
Construction	<b>Casing</b>	Metal+Plastic		
	<b>Dimensions</b>	Φ122mm- ×99mm		
	<b>Net Weight</b>	0.48Kg		
	<b>Gross Weight</b>	0.54Kg)		